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# Model #: AVR750U

## AVR Series Line-Interactive UPS System - Affordable line-interactive protection for PCs and workstations

### Highlights

- 750VA ultra-compact line-interactive UPS
- Maintains 120V nominal output over an input range of 83V to 147V
- Workstation-optimized features include USB port (HID-PDC compliant), single-line TEL / DSL surge suppression, 6 battery- and surge-protected outlets and 6 additional surge-only outlets (12 total)
- Space saving right-angle input plug
- Input: NEMA 5-15P (120V 15A) / Output: 12 NEMA 5-15R (120V)
- 2-year product warranty / $100,000 Ultimate Lifetime Insurance (USA, Puerto Rico and Canada only)

### Description

Tripp Lite's AVR750U line-interactive UPS offers complete protection for PCs, workstations and other sensitive electronics in an ultra-compact, mountable housing. Prevents data loss and system downtime by providing battery-supported AC output during blackouts and Automatic Voltage Regulation (AVR) during brownouts and overvoltages. Includes 12 output receptacles, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets. 6 outlets feature full battery support and surge suppression, protecting computers, monitors and other vital system components from power loss. 6 additional outlets with surge suppression only are ideal for printers and other peripherals not requiring battery support. Single-line telephone suppression jacks protect modems, fax machines, cordless phones or other equipment with a DSL or standard dialup RJ-11 phone line connection. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in case of extended power failure. HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X. Audible alarm and front panel LEDs offer status information regarding line and battery power operation. 750VA/450 watt power-handling ability supports entry-level PCs for up to 35 minutes during power failures. 2-year warranty. $100,000 Ultimate Lifetime Insurance (USA, Puerto Rico and Canada only).

Applications

- Basic PCs for home/home-office use, network workstations, audio/video equipment, home entertainment systems and other sensitive electronic devices.

Package Includes

- AVR750U UPS System
- PowerAlert Software CD-ROM, USB cable, RJ-11 phone cable
- Instruction manual with warranty information

### Features

- AVR750U line-interactive UPS offers protection from blackouts, brownouts and surges on both AC and Tel/DSL line connections
- Built-in Automatic Voltage Regulation (AVR) boosts brownouts as low as 83V and reduces overvoltages up to 147V back to usable 120V nominal levels
- 12 outlets, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets
- 6 battery-supported outlets protect computers, monitors and vital system peripherals, plus 6 additional surge suppression-only outlets for printers and other system accessories not requiring battery support

- Provides battery-derived AC output during blackouts, voltage boost during brownouts and voltage reduction during overvoltages
- 750VA/450 watt power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports entry-level PC systems up to 35 minutes during blackout conditions
- Built-in single-line Tel/DSL line surge suppression protects modems, fax machines or cordless phones
- USB port, included USB cable and PowerAlert software offer safe, unattended shutdown without data loss during extended outages
- HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Supports Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications
- Hot-swappable user battery replacement supported via battery access door
- Space-saving, ultra-compact housing fits almost anywhere
- Keyhole mounting flanges enable secure wallmount installation

## Specifications

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|---|---|
| **SYSTEM OVERVIEW** | |
| **Voltage compatibility** | 120VAC |
| **Frequency compatibility** | 60Hz |
| **OUTPUT** | |
| **Output VA** | 750 |
| **Output watts** | 450 |
| **Output nominal voltage** | 120VAC |
| **Output voltage regulation** | Sine wave 120V +8% / -21% (line mode) / PWM sine wave 115V +/-5% (battery mode) |
| **Output frequency regulation** | LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz |
| **Outlet quantity / type** | 12 NEMA 5-15R |
| **INPUT** | |
| **Maximum input amps** | 12A |
| **Input connection type** | NEMA 5-15P (space saving right-angle plug) |
| **Input cord length** | 6 ft / 1.8m |
| **Recommended Electrical Service** | 120V 15A |
| **BATTERY** | |
| **Full load runtime** | 3 min (750VA) |
| **Half load runtime** | 10 min (375VA) |
| **DC system voltage** | 12VDC |
| **Typical battery lifespan** | 3 to 6 years, depending on usage |
| **Battery recharge rate** | 2 to 4 hours to reach 90% charge |
| **Replacement Battery Cartridge** | RBC51 |
| **VOLTAGE REGULATION** | |
| **Voltage regulation description** | Automatic voltage regulation maintains 120V nominal over an input voltage range of 83V to 147V |
| **Overvoltage correction** | Output voltage is reduced by 12% as line voltage increases to 128V or higher |
| **Brownout correction** | Output voltage is boosted by 14% as line voltage decreases to 104V or lower |
| **LEDS ALARMS & SWITCHES** | |
| **Front panel LEDs** | 2 LEDs indicate line power, battery power status |

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| **Alarms** | Audible alarm beeps at regular intervals to indicate battery backup operation. Alarm also sounds during self-test operation. Alarm can be disabled altogether via PowerAlert software |
| **Switches** | Combination power off / on / self-test push button switch |
| **SURGE / NOISE SUPPRESSION** | |
| **AC surge suppression** | 400 joules |
| **Dataline suppression** | Tel/DSL |
| **EMI / RFI AC noise suppression** | Yes |
| **PHYSICAL** | |
| **Shipping weight (lbs)** | 16.3 |
| **Shipping weight (kg)** | 7.4 |
| **Shipping Dimensions (HWD/in)** | 5.5 x 14.5 x 9.75 |
| **Shipping Dimensions (HWD/cm)** | 14 x 36.8 x 24.8 |
| **Unit weight (lbs)** | 15.3 |
| **Unit weight (kg)** | 6.9 |
| **Unit Dimensions (HWD/in)** | 4 x 12 x 7 |
| **Unit Dimensions (HWD/cm)** | 10.2 x 30.5 x 17.8 |
| **Material of construction** | ABS |
| **Form factors supported** | Ultra-compact |
| **Battery Access** | Hot-swappable batteries are accessible via battery door |
| **ENVIRONMENTAL** | |
| **Relative Humidity** | 0 to 95%, non-condensing |
| **Storage Temperature** | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius |
| **Operating Temperature** | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| **COMMUNICATIONS** | |
| **Network monitoring port** | USB (HID) |
| **Software and cabling included** | Includes USB cable, PowerAlert UPS monitoring software CD-ROM, RJ-11 phone cable |
| **WatchDog compatibility** | Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications |
| **LINE / BATTERY TRANSFER** | |
| **Transfer time from line power to battery mode** | 2 to 4 milliseconds |
| **Low voltage transfer to battery power** | Switches to battery power as line voltage drops to 83V or lower / Resets to AC mode as line voltage increases to 87V or higher |
| **High voltage transfer to battery power** | Switches to battery power as line voltage increases to 147V or higher / Resets to line power as line voltage drops to 143V or less |
| **SPECIAL FEATURES** | |
| **Cold Start** | Yes, inverter can be "cold started" to enable temporary AC output during a power failure |
| **CERTIFICATIONS** | |

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| **Certifications** | Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), NOM (Mexico), Class B (emissions), FCC Part 68 and Industry Canada (telecommunications) |
| **WARRANTY** | |
| **Product Warranty Period** | 2 years |
| **Connected Equipment Coverage** | $100,000 |
| **Optional Coverage** | Optional 3- and 5-year on-site or factory warranties available for select opportunities. Contact Tripp Lite for more information. |

## Related Items

| **Audio Cables** | | |
|---|---|---|
| CT120 | Instant-Read- AC Outlet Circuit Tester | Qty: [optional] |

| **Extended Warranties** | | |
|---|---|---|
| WEXT3-INTERNET | 3-Year Extended Warranty - For Internet Office Models | Qty: [optional] |
| WEXT5-INTERNET | 5-Year Extended Warranty - For Internet Office Models | Qty: [optional] |

| **Software** | | |
|---|---|---|
| WATCHDOGSW | WatchDog Service Monitoring / Reboot Software | Qty: [optional] |

| **Surge Protectors** | | |
|---|---|---|
| DTEL2 | Network Surge Suppressor - Essential protection for data and communication lines | Qty: [optional] |
| DNET1 | Network Surge Suppressor - Essential protection for data and communication lines | Qty: [optional] |
| DCATV | Network Surge Suppressor - Essential protection for TV/VCR coaxial lines | Qty: [optional] |

| **USB Cables & Adapters** | | |
|---|---|---|
| U005-10I | USB Gold Extension cable - USB "A" Right Angle Male to USB "A" Female - 10" | Qty: [optional] |

| **USB Hubs/Accessories** | | |
|---|---|---|
| U222-004-R | USB Hubs - 4-Port USB 2.0 Certified Ultra-Mini Hub | Qty: [optional] |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3141.

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